| Ref<br># | Hits   | Search Query   | DBs                             | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|---------------------------------|---------------------|---------|------------------|
| S2       | 4669   | 250/336.1.ccls. 250/361R.ccls.<br>250/363.01.ccls. 250/363.02.ccls.<br>250/370.01.ccls. 250/370.08.ccls.<br>250/370.09.ccls. 250/370.11.ccls.<br>250/370.15.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:44 |
| S3       | 857    | 250/238.ccls. 250/352.ccls. 250/339.03.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:44 |
| S4       | 1211   | 378/19.ccls. 378/127.ccls. 378/141. ccls. 378/199.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:45 |
| S5       | 1147   | 165/61.ccls. 165/253-254.ccls. 165/259.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:47 |
| S6       | 7687   | S2 S3 S4 S5  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:47 |
| S7       | 144603 | (detect\$3 sens\$3) with (array matrix)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:47 |
| S8       | 2152   | S6 and S7  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:48 |
| S9       | 2075   | heater and (TEC.or (thermoelectric adj (cooler heatpump)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR .                | ON      | 2005/04/18 09:48 |
| S10      | 20     | S8 and S9  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:50 |
| S11      | 33     | ("3166928" "3621258" "3851174" "4150552" "4263604" "4283817" "4291750" "4639883" "5090819" "5444752" "5450727" "5485005" "5609032" "5737119" "5763885" "5881560" "5970113" "6126311" "6230497" "6263046" "6308519" "6355930" "6401462" "6418393" "6586744").pn. (US-2002030499-A1.did. US-20020074499-A1.did. US-20030010925-A1.did. US-20030010925-A1.did. US-20030043959-A1.did.) (JP-04110690-\$.did. JP-61201182-\$. did. JP-63261146-\$.did.) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 09:54 |
| S12      | 6      | ("6249563" "6370881" "6411672"<br>"6416218" "6459757").pn.<br>(JP-10272130-\$.did.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2005/04/18 10:13 |

| S13 | 57267  | isothermal (stable near2<br>temperature) ((parabolic with                          | US-PGPUB;<br>USPAT;             | OR | ON | 2005/04/18 10:14 |
|-----|--------|--|---------------------------------|----|----|------------------|
|     |        | profile) same temperature)   | EPO; JPO                        |    |    |                  |
| S14 | 2688   | S13 and S7   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:14 |
| S15 | 67     | S14 and S9   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:15 |
| S16 | 208957 | ((computed adj tomography) (CT))   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:16 |
| S17 | 12     | S16 and S7 and S9  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:23 |
| S18 | 14403  | S7 and (x-ray x adj ray)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:23 |
| S19 | 8      | S9 and S13 and S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:26 |
| S24 | 618    | S13 and S18  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:46 |
| S25 | 493    | S24 and (detect\$3 sens\$3) same (temperature isothermal)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:27 |
| S26 | 105    | S25 and S16  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:27 |
| S27 | 8      | ((detector with array) with (x-ray)) same (isothermal (temperature with profile))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:29 |
| S28 | 54     | ((detector with array) same<br>(isothermal (temperature with<br>profile))) not S27 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:29 |
| S29 | 5      | (S25 and S6) not S26   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:41 |
| S30 | 683    | S6 and (isothermal (temperature adj profile) (temperature near3 control))          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:42 |
| S31 | 20     | S30 and S9   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:44 |
| S32 | 0      | (2003/0043959).urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 10:45 |

| S33 | 1  | "6249563".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:45 |
|-----|----|---|---------------------------------|----|------|------------------|
| S34 | 1  | "6459757".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:45 |
| S35 | 4  | (4283817 4709559 5486703 55962<br>28).pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:47 |
| S36 | 2  | "6249563".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:47 |
| S37 | 1  | "6052429".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:47 |
| S38 | 1  | "6411672".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:48 |
| S40 | 96 | (S30 and S7) not S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:54 |
| S41 | 1  | (JP-04110690-\$.did.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:55 |
| S42 | 2  | "5485005".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:55 |
| S43 | 2  | (5233265 5289520).pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:56 |
| S44 | 16 | ("5763885".urpn.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON . | 2005/04/18 10:56 |
| S45 | 16 | (3621258 4230945 4555626 48809<br>79 4990782 4995236 5041723 504<br>1727 5049751 5075555 5081358 5<br>227631 5231289 5371376 5420419<br> 5486689).pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 11:08 |
| S46 | 0  | "6586744".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 10:59 |
| S47 | 14 | (4090080 4262207 4460235 45714<br>95 4831639 4982096 5077770 574<br>2060 5967983 5991357 6013877 6<br>046454 6055450 6091070).pn.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 11:09 |
| S48 | 0  | (2003/0019025).urpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON   | 2005/04/18 11:09 |

| S49 | 0     | (2003/0043959).urpn.  | US-PGPUB;<br>USPAT;             | OR | ON | 2005/04/18 11:09 |
|-----|-------|---|---------------------------------|----|----|------------------|
| S50 | 1     | "6459757".urpn.   | EPO; JPO<br>US-PGPUB;           | OR | ON | 2005/04/18 11:12 |
|     |       |   | USPAT;<br>EPO; JPO              |    |    |                  |
| S51 | 1     | "6249563".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:12 |
| S52 | 1     | "6411672".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:12 |
| S53 | 1     | "6052429".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:12 |
| S54 | 2     | "6249563".urpn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:12 |
| S55 | 4     | (4283817 4709559 5486703 55962<br>28).pn.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:13 |
| S56 | 2442  | (heater near2 (center middle))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:13 |
| S57 | 21    | S56 and S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:15 |
| S58 | 35    | ((heater near3 (center middle))<br>with (detector array)) not S57 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:17 |
| S59 | 636   | (TEC thermoelectric adj cooler) with (detector sensor)            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:17 |
| S60 | 580   | S59 and (control\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:17 |
| S61 | 99    | S59 and fan   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:18 |
| S62 | 30    | S60 and S8  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:21 |
| S63 | 13    | S61 and S8  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:18 |
| S64 | 13897 | (detect\$2 near2 x-ray)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/18 11:21 |

| S65 | 266   | S64 and S13   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:21 |
|-----|-------|---|---------------------------------|------|----|------------------|
| S66 | 240   | S65 and heat\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:29 |
| S67 | 31561 | (thermoelectric adj cooler) TEC<br>(Peltier adj effect) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:30 |
| S68 | 58332 | (heat adj sink)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:30 |
| S69 | 2122  | S67 and S68   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:30 |
| S70 | 25    | S69 and S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR . | ON | 2005/04/18 11:31 |
| S71 | 2     | (parabolic with (temperature near2 profile)) and S18    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:31 |
| S72 | 62    | (parabolic with (temperature near2 profile))            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:35 |
| S73 | 6     | S64 and (heater with center)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:36 |
| S74 | 25349 | temperature near3 profile                               | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:36 |
| S75 | 4     | S64 and S74 and S9                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:38 |
| S76 | 63    | (temperature adj profile) with (parabol\$4)             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 11:39 |
| S77 | 2     | S76 and S64   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 12:29 |
| S78 | 2049  | (temperature with (profile)) and S7                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 12:30 |
| S79 | 571   | S78 and (S16 S18)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 12:31 |
| S80 | 153   | (S79 and S67) or (S79 and heater)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | OŇ | 2005/04/18 12:31 |

|     |    |  | I                               | Γ    | T  | T                |
|-----|----|--|---------------------------------|------|----|------------------|
| S81 | 35 | (temperature with (stabilize\$1<br>maintain\$3 provid\$3) with profile)<br>with (detector array)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 12:49 |
| S82 | 5  | (CT computed adj tomography) and ((thermal temperature) same (profile parabol\$2)) and (parabolic with temperature) and \$7          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:02 |
| S83 | 4  | (5291021 5532489 5596198 60876<br>56).pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S84 | 2  | "6411672"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S85 | 2  | (5970113 6411672).pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S86 | 0  | "6713769".urpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR . | ON | 2005/04/18 13:04 |
| S87 | 1  | "6052429".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S88 | 1  | "6249563".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S89 | 4  | (4283817 4709559 5486703 55962<br>28).pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:09 |
| S90 | 2  | "6249563".urpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR . | ON | 2005/04/18 13:09 |
| S91 | 0  | "6370881".urpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:06 |
| S94 | 1  | "6459757".urpn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:10 |
| S95 | 4  | (temperature with control) with ((detector sensor) with array) and (parabol\$2 near6 profile)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:10 |
| S96 | 35 | (temperature with (stabilize\$1 maintain\$3 provid\$3) with profile) with (detector array)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:11 |
| S98 | 2  | (temperature and control\$3) and<br>(mechanical with (shift\$3<br>displacement)) and (parabol\$2 with<br>(profile with temperature)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR   | ON | 2005/04/18 13:12 |

|          |        |   | •                               |     |    |                  |
|----------|--------|---|---------------------------------|-----|----|------------------|
| S99      | 15     | (temperature and control\$3) and (mechanical with (shift\$3 displacement)) and (parabol\$2 and (profile with temperature))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 13:13 |
| S10<br>0 | 3      | (4996413 5596200 6201249).pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 13:12 |
| S10<br>1 | 9      | S6 and parabol\$2 same temperature  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 13:14 |
| S10<br>2 | 86     | Yoshioka.in. and (S16 S18)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 13:14 |
| S10<br>3 | 9      | S102 and (heater or S9)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR: | ON | 2005/04/18 14:10 |
| S10<br>4 | 39     | (thermoelectric adj cooler) with heatsink   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 14:12 |
| S10<br>5 | 14     | ((thermoelectric adj cooler) same<br>heatsink) not S104   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/18 14:27 |
| S10<br>6 | 6      | ((TEC (thermoelectric adj cooler)) same heater) and (S16 S18) and (S7)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:13 |
| S10<br>7 | 144737 | (detect\$3 sens\$3) with (array matrix)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:14 |
| S10<br>8 | 209070 | ((computed adj tomography) (CT))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:14 |
| S10<br>9 | 14415  | S107 and (x-ray x adj ray)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:14 |
| S11<br>0 | 6      | ((TEC (thermoelectric adj cooler))<br>same heater) and (S108 S109) and<br>(S107)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:14 |
| S11<br>1 | 442    | ((TEC (thermoelectric adj cooler))<br>same heater) not S110 and<br>@ad<"20020730"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:26 |
| S11<br>2 | 4675   | 250/336.1.ccls. 250/361R.ccls.<br>250/363.01.ccls. 250/363.02.ccls.<br>250/370.01.ccls. 250/370.08.ccls.<br>250/370.09.ccls. 250/370.11.ccls.<br>250/370.15.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:15 |
| S11<br>3 | 857    | 250/238.ccls. 250/352.ccls. 250/339.03.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR  | ON | 2005/04/19 08:15 |

| S11<br>4  | 1212 | 378/19.ccls. 378/127.ccls. 378/141. ccls. 378/199.ccls.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:15 |
|-----------|------|--|---------------------------------|----|----|------------------|
| S11<br>5  | 1147 | 165/61.ccls. 165/253-254.ccls. 165/259.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:15 |
| S11<br>6  | 7694 | S112 S113 S114 S115  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:15 |
| S11<br>7  | 6    | S111 and S116  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:16 |
| S11<br>8  | 37   | S111 and ("250".clas. "378".clas.)<br>not S117                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:20 |
| S11<br>9  | 1    | ("6249563").PN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/04/19 08:20 |
| S12<br>0  | 4    | ("4283817"   "4709559"  <br>"5486703"   "5596228").PN.                               | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2005/04/19 08:20 |
| S12<br>1  | 29   | ((thermoelectric adj (heatpump<br>heat adj pump)) same heater) and<br>@ad<"20020730" | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:28 |
| S12<br>2  | 1139 | ((Peltier) same heater) and<br>@ad<"20020730"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:27 |
| S12<br>3  | 341  | S122 and thermoelectric  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:27 |
| \$12<br>4 | 7    | S123 and S116  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:28 |
| S12<br>6  | 24   | S123 and ("250".clas. "378".clas.)<br>not S124                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 08:28 |